

# Converting Colors

Hex(D2777A)

Have a look what the booklet for  
Hex(D2777A) contains.

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# **Color**

**Hex(D2777A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2777A
RGB	210, 119, 122
RGB Percent	82%, 47%, 48%
CMY	0.1765, 0.5333, 0.5216
CMYK	0.00, 0.43, 0.42, 0.18
HSL	358°, 50%, 65%
HSV	358°, 43%, 82%
XYZ	36.6880, 28.3004, 21.9412
YIQ	146.5510, 53.2730, 20.2250

# Conversions

## Conversions Part 2

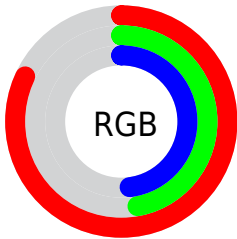
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 119, 122
Decimal	13793146
CIE Lab	60.16, 35.78, 14.05
CIE LCh	60, 38.442, 21.444
Yxy	28.3004, 0.4220, 0.3256
Android (android.graphics.Color)	4291983226 (0xFFD2777A)
YUV	146.5510, -12.1036, 55.6448
Hunter-Lab	53.1981, 30.0055, 12.7849

# Details

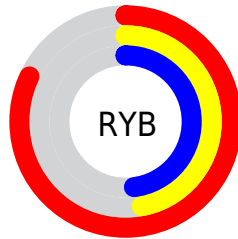
The Hex color **D2777A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **77D2CF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFADA E**, and **984449** is the 20% darker color. If you saturate the color by 10%, you get **D26266**, and if you desaturate by 10%, it is **D28C8E**.

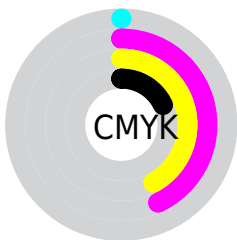
# Distribution



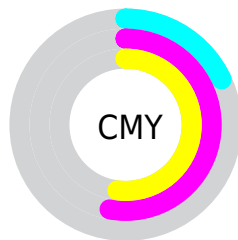
- Red (82%)
- Green (47%)
- Blue (48%)



- Red (82%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (43%)
- Yellow (42%)
- Black (18%)



- Cyan (18%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2777A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D2777A by changing the saturation by 10% instead.



 D2777A

 D2777A

FFFFFF

 B55D61


 FFADAE

 984449

 FFC8CA

 7C2B33

 FFE5E6

 61111E

 460005

 2F0002

 000000

 D2777A

 D2777A

 D26266

 D28C8E

 D24D51

 D2A1A3

 D2383D

 D2B6B7

 D22329

 D2CBCB

 D20E14

 D2E0E0

 D20007

 D2F5F4

 D2FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CC779C



D2777A



C7805D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D2777A



679E65



4797D3

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D2777A



77D2CF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009FC5



D2777A



33A286

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2777A



8E9650



00A3A9



868CD0

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2777A



B88851



00A3A9



299AD1



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D2777A



FFDEDF



CF77D2



806B6C



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D2777A



FF7A7F



D2A177



695E5E



A80006



290001



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D2777A



FF7A7F



77A8D2



695E5E



A80006



290001



# Previews

## White Background



This preview shows how the Hex color D2777A looks on a white background.

## Color Contrast Check

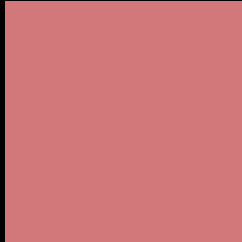
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D2777A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2777A Background



This preview shows how black text looks on a background with the Hex color D2777A.



This preview shows how white text looks on a background with the Hex color D2777A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
D2777A

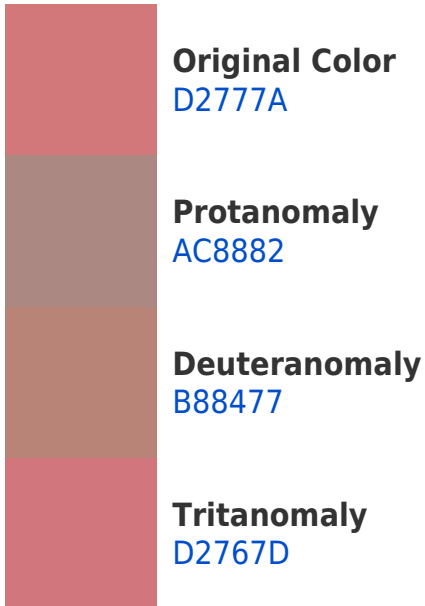
**Protanopia**  
969187

**Deuteranopia**  
A98C76

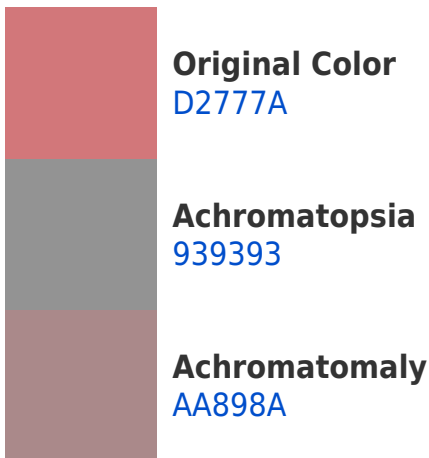


**Tritanopia**  
D2767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2777A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D2777A looks like.

```
.text, #text, p{  
    color:#D2777A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D2777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2777A
}
```

## Border

The CSS property to change the border of an element to Hex D2777A is called "border". The border property can be set on classes, ids or directly on the HTML element.

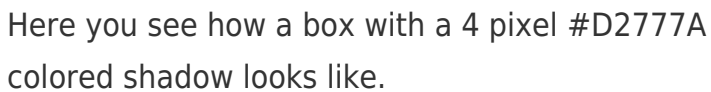
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2777A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D2777A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#D2777A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2777A; -webkit-box-shadow:4px 4px  
4px 4px #D2777A; box-shadow:4px 4px 4px  
4px #D2777A }
```

# Background

The CSS property to change the background color of an element to Hex D2777A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2777A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D2777A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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